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## MILWAUKEE COUNTY EMS PRACTICAL SKILL KENDRICK EXTRICATION

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**DEVICE** 

Purpose:		Indications:	
To provide rigid stabilization of the cervical and thoracic spine during movement of a patient with a suspected spinal injury from a sitting to supine position		Any patient with a possible spinal injury, found in a sitting position	
Advantages:	Disadvantages:	Complications:	Contraindications:
Easy to apply	Chest and abdominal straps	Use of the chin strap	None
Provides rigid stabilization	may restrict respirations	prevents patient from	
of head and spine when	Obscures visualization of	opening mouth if	
properly applied	back and sides	vomiting occurs	

Maintain stabilization of head, supporting in a neutral position until head is secured in KED (or in position found if resistance is encountered when attempting to return head to neutral position)

Assess neurologic status with particular emphasis on peripheral sensation and movement

Apply rigid cervical collar of appropriate size

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Slip KED behind patient without disturbing patient's position

Wrap side panels of KED around torso and slide KED up until tops of side panels are firmly engaged in patient's axillae

Fasten middle and bottom torso straps just tight enough to hold device in place

Wrap head portion of KED around patient's head, padding behind neck as needed to maintain neutral position

Secure head section with forehead straps or Kling wrapped around forehead; chin cup should not be used

Slide pelvic straps underthe patient's thighs (right strap under right thigh over left thigh to left side buckle; left strap under left thigh over right thigh to right side buckle)

Tighten all straps

Tie upper extremities together with cravats to prevent injury during movement

Use support loops on KED to lift patient and slide onto a long board

Loosen pelvic straps when patient is supine

Secure patient to long board with straps

Loosen chest strap to make chest movement during respiration easier

Reassess patient's neurologic condition before and after movement